

Stephan Gleis

List of Publications by Year in descending order

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7
papers

202
citations

1478505

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1720034

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7
all docs

7
docs citations

7
times ranked

169
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a Continuous Fluidized Bed Reactor for Thermochemical Energy Storage Application. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	2.3	11
2	Numerical Approaches for Modeling Gas-Solid Fluidized Bed Reactors: Comparison of Models and Application to Different Technical Problems. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	2.3	7
3	Comprehensive investigation and comparison of TFM, DenseDPM and CFD-DEM for dense fluidized beds. Chemical Engineering Science, 2019, 196, 291-309.	3.8	54
4	Numerical calculation of wall-to-bed heat transfer coefficients in Geldart B bubbling fluidized beds with immersed horizontal tubes. Powder Technology, 2018, 333, 193-208.	4.2	21
5	Simulation of Cogeneration-Combined Cycle Plant Flexibilization by Thermochemical Energy Storage. Journal of Energy Resources Technology, Transactions of the ASME, 2018, 140, .	2.3	30
6	Design of a MW-scale thermo-chemical energy storage reactor. Energy Reports, 2018, 4, 507-519.	5.1	56
7	Three dimensional multi fluid modeling of Geldart B bubbling fluidized bed with complex inlet geometries. Powder Technology, 2017, 312, 89-102.	4.2	23